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Certificate of Analysis

Catalogue Number	00866
Product	β-D-Glucose 6-phosphate sodium salt
Lot Number	000186-60-4-66 G-6-P Na β -D-Glucose-6-phosphoric acid sodium salt
CAS Number	54010-71-8
Molecular Formula	C ₆ H ₁₂ O ₉ PNa
Molecular Weight	282.1

Appearance	White crystalline solid
Water Content (Karl Fisher)	1.1%
Optical Rotation	[α] _D = +33.2° (C=1 in 1g/100 mL H ₂ O)
Purity by HPLC	> 99%
Purity	100% (Enzymatic method)
Storage	Store at RT
Additional Information	Flame test shows the presence of sodium. The compound is substrate for the Glucose-6-Phosphate dehydrogenase
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager